Our ref: *18-2830*
Your ref:

STL
CONSULTING STRUCTURAL ENGINEERS

Gustav Bonnier Holdings Ltd
St Johns House
22 Roylegreen Road
Northenden
Manchester
M22 4NG

Redevelopment of Tudor Inn
Peel Hall Road
Wythenshawe
Surface Water Verification Report

Dear Roger

Following our design of the below ground drainage for the redevelopment of the above site (drawings 18-2830 DR01), and the subsequent installation of the new below ground drainage for the site by Kingstone Construction Ltd in October 2019, we hereby conclude that the discharge of the surface water from the 10No houses runs around the site by a series of 100mm dia plastic pipes laid to falls into the 14000l attenuation tank to the rear of Plot 1 (on Calve Croft Road) before discharging through an Oriflow Chamber that restricts the flow to 5litres per second before entering the main sewer.

We are satisfied that the pipework has been laid in and backfilled with clean granular material.

The attenuation tank has been formed with Aqua Storm soakaway crates wrapped in GT500 2000g impermeable tank line membrane and backfilled with clean granular material.

The Oriflow chamber restricts the discharge to 5l/s.

The installation was inspected at certain stages and photographs taken (attached for record purposes).

Therefore, we are satisfied that below ground surface water drainage has been installed in accordance with our drawing 18-2830 DR01 and to the required standards for the development at the time of installation.

Yours sincerely

Jonathan Hayes
BEng (Hons) CEng MIStructE

The Institution of Structural Engineers

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Photographic Record



General drainage runs and manhole formation



Attenuation Tank



Flow control chamber